

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/005124

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H02M3/335

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ANDERSON D R ET AL: "High-efficiency high-level modulator for use in dynamic envelope tracking CDMA RF power amplifiers" 2001 IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM DIGEST (CAT. NO.01CH37157) IEEE PISCATAWAY, NJ, USA, vol. 3, 2001, pages 1509-1512 vol., XP002323984 ISBN: 0-7803-6538-0	1-4, 16-20
A	abstract paragraphs '0III!', '00IV! figures 2,3,5,6 figure 7	5-15, 21-25
A	----- -----	26-40
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents:

- °A° document defining the general state of the art which is not considered to be of particular relevance
- °E° earlier document but published on or after the International filing date
- °L° document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- °O° document referring to an oral disclosure, use, exhibition or other means
- °P° document published prior to the international filing date but later than the priority date claimed

°T° later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

°X° document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

°Y° document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

°&° document member of the same patent family

Date of the actual completion of the international search

11 April 2005

Date of mailing of the international search report

09/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Roider, A

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/005124

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>KENNETH DIERBERGER: "Simple and Inexpensive HIgh Efficiency Power Amplifier Using New APT MOSFETs" ADVANCED POWER TECHNOLOGY, APT9403, 'Online! November 1994 (1994-11), XP002323985 Retrieved from the Internet: URL:http://www.eetc.globalsources.com/ARTICLE/2001APR/PDF1/2001APR20_AMD_RFD_AN863.PDF> 'retrieved on 2005-04-08! abstract figure 1</p> <p>-----</p>	1-4, 16-20
A	<p>PALLAB MIDYA: "Tracking Power Converter for suply Modulation of RF Power Amplifiers" IEEE, 'Online! 2001, pages 1540-1545, XP002323986 Retrieved from the Internet: URL:http://ieeexplore.ieee.org/iel5/7571/20629/00954338.pdf> 'retrieved on 2005-04-08! abstract figure 1</p> <p>-----</p>	1,16
A	<p>DAVID K. SU: "An IC for LInearizing RF Power Amplifiers Using Envelope Elimination and Restoration" IEEE JOURNAL OF SOLID-STATE CIRCUITS, 'Online! 12 December 1998 (1998-12-12), pages 2252-2258, XP002323987 Retrieved from the Internet: URL:http://ieeexplore.ieee.org/iel4/4/15831/00735710.pdf> 'retrieved on 2005-04-08! abstract figures 1-3</p> <p>-----</p>	1,16
A,P	<p>GB 2 398 648 A (* NUJIRA LTD) 25 August 2004 (2004-08-25) cited in the application abstract figure 1</p> <p>-----</p>	1-16

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/005124

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
GB 2398648	A 25-08-2004	AU 2003271975 A1	WO 2004075398 A1	09-09-2004 02-09-2004